

INCH-POUND

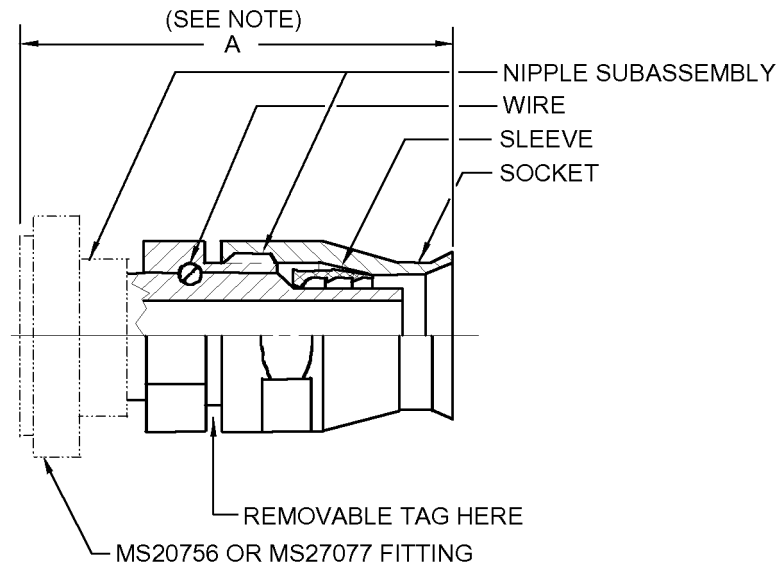
MS27054D  
25 September 2003  
SUPERSEDING  
MS27054C  
30 June 1972

## DETAIL SPECIFICATION SHEET

### ADAPTER ASSEMBLY, STRAIGHT, SWIVEL FLANGE TO HOSE

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

The requirements for acquiring the product described  
herein shall consist of this specification and MIL-DTL-27272.



NOTE: Dimension A is the dimension between the hose end of the socket and the free end of the insert when the socket is assembled on the nipple subassembly.

FIGURE 1. Adapter assembly illustration.

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### REQUIREMENTS:

Intended use. This adapter is intended for use with hose conforming to MIL-DTL-27267.

Dimensions. Dimensions are in inches.

Material. PIN suffix C: Corrosion-resistant steel.

No PIN suffix: Combination of aluminum alloy and corrosion-resistant steel. See applicable specification sheet for other components identified in table I for their material requirements.

Identification of product. The Part or Identifying Number (PIN) and the manufacturer's Commercial and Government Entity (CAGE) Code shall be marked on a removable tag securely attached to the adapter. The PIN for this part shall be as specified in table I (e.g., MS27054-8C).

Order of precedence. This specification takes precedence over the documents referenced herein. Unless otherwise specified, referenced documents shall be of the issue in effect on the date of solicitation.

Adapter assembly illustration. See figure 1.

TABLE I. Adapter assembly composition.

PIN	Nipple subassembly PIN	Sleeve PIN	Socket PIN	A <sup>1/</sup> max
MS27054	MS27062	MS27070	MS27069	
-8C	-8C	-8C	-8C	2.04
-8	-8			
-10C	-10C	-10C	-10C	2.17
-10	-10			
-12C	-12C	-12C	-12C	2.36
-12	-12			
-16C	-16C	-16C	-16C	2.46
-16	-16			
-20C	-20C	-20C	-20C	2.77
-20	-20			
-24C	-24C	-24C	-24C	2.87
-24	-24			

<sup>1/</sup> Dimension A is the dimension between the hose end of the socket and the free end of the insert when the socket is assembled on the nipple subassembly.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extent of the changes.

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CONCLUDING MATETIAL

Custodians:

Army - AV  
Navy - AS  
Air Force - 99  
DLA - CC

Preparing activity:

DLA - CC

(Project 4730-0868-003)

Review activities:

Army - AR, AT, MI  
Navy - MC, SA, SH  
Air Force - 71